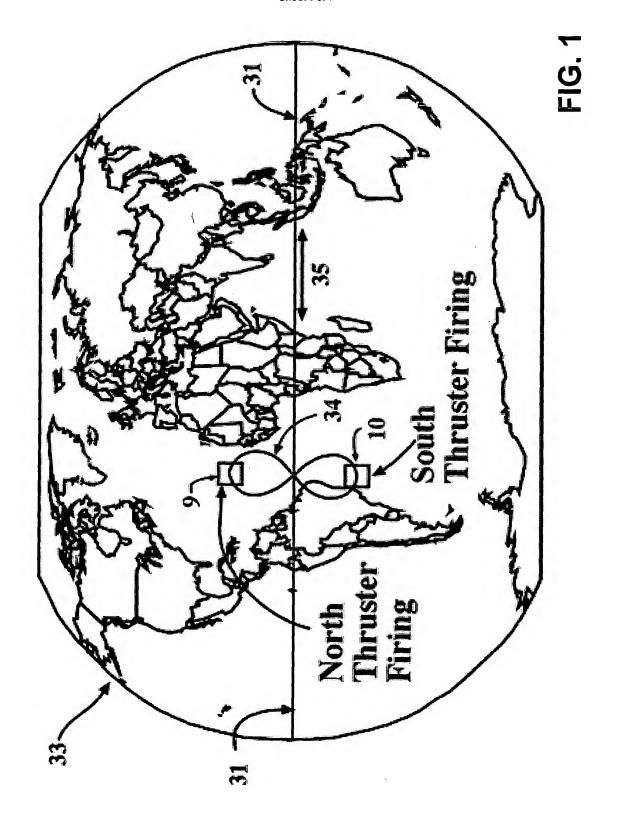
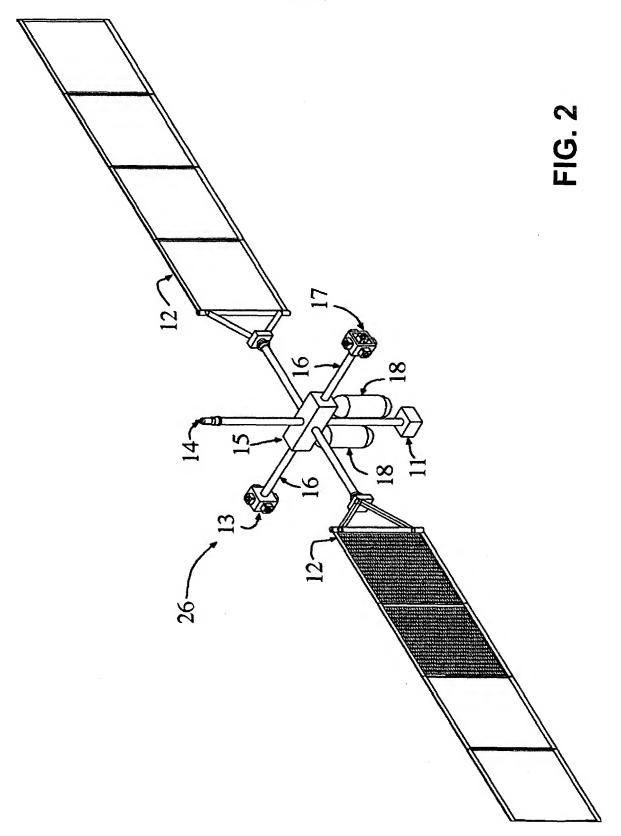
Attorney Docket No.: 711502-1010

Title of Invention: Apparatus for a Geosynchronous Life Extension Spacecraft
First Named Inventor: Dennis Ray Wingo
Attorney: Ann I. Dennen Phone No.: 256-704-3900
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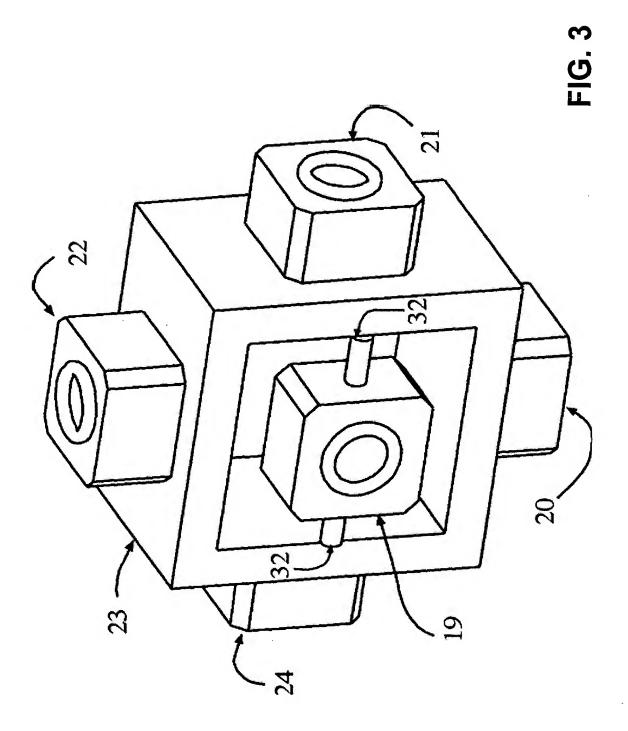
Attorney Docket No.: 711502-1010

Title of Invention: Apparatus for a Geosynchronous Life Extension Spacecraft First Named Inventor: Dennis Ray Wingo
Attorney: Ann I. Dennen Phone No.: 256-704-3900
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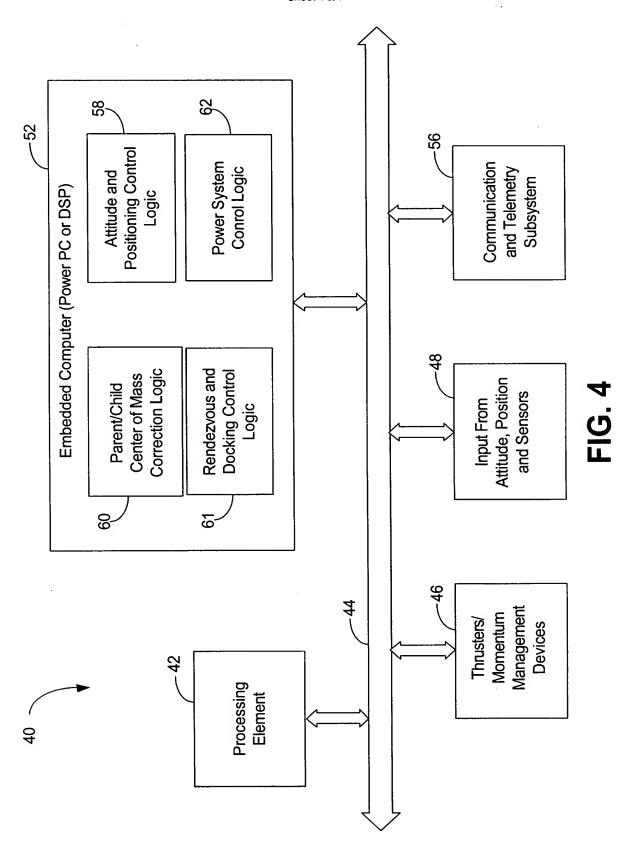


Attorney Docket No.: 711502-1010

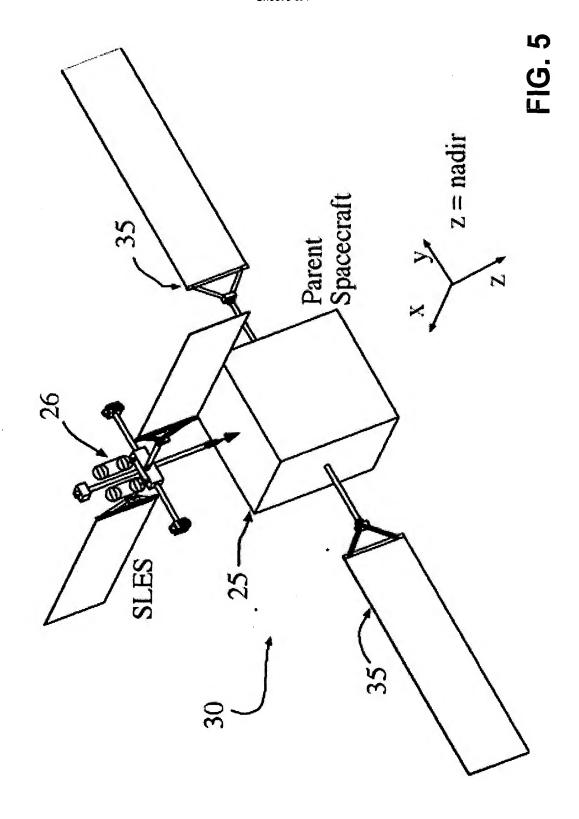
Title of Invention: Apparatus for a Geosynchronous Life Extension Spacecraft First Named Inventor: Dennis Ray Wingo
Attorney: Ann I. Dennen Phone No.: 256-704-3900
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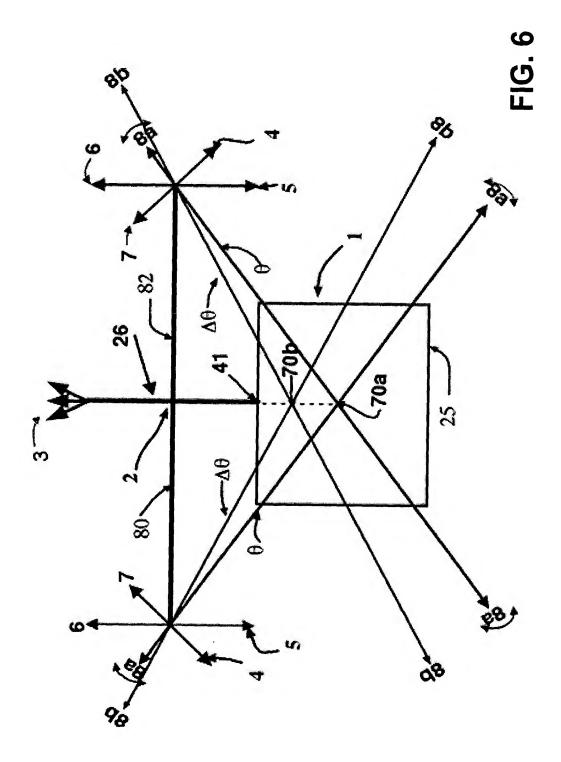


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Attorney Docket No.: 711502-1010

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Sheet 7 of 7 Start 702 Calculate the Initial Angle for Thruster 19 -704 Change In Center No of Mass of Parent/Child Spacecraft? Yes 706 Calculate Change in Center of Mass -708 Determine New Angle of

FIG. 7

Thruster to Compensate for Detected Change in Center of Mass

Rotate Thruster to Effectuate New Angle Related to Change in Center of Mass 710